

GIANNESSI et al.  
 Appl. No. 10/537,269  
 December 18, 2007

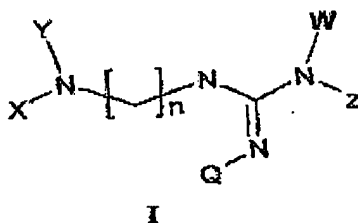
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# AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A compound of the formula:



in which:

Z is a saturated or unsaturated alkyl containing from 1 to 7 carbon atoms;

W is equal to H or, together with Z, may form a cycle, optionally containing one or more

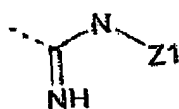
heteroatoms;

$n = 4-7$  or  $n = 4-7$ ;

Q is selected from the Z groups listed above;

X and Y are the same or different and are selected from the Z groups listed above;

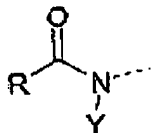
X may be a substituted amino-imino of the formula:



where Z1 is selected from the Z groups listed above;

GIANNESSI et al.  
 Appl. No. 10/537,269  
 December 18, 2007

or X is an R-CO group and, with nitrogen, may form a group:



where R is selected from the Z groups listed above or -OZ or -NZ ;

and their pharmacologically acceptable salts, the racemic mixtures, the single enantiomers, stereoisomers and geometric isomers and tautomers,

with the proviso that the formula (I) compound is not N- (4-aminobutyl)-N'- (γ,γ - dimethylallyl)guanidine methane sulphonate (ST2369) or N-(γ,γ -dimethylallyl)guanidine methane sulphonate (ST 2527).

2.-3. (Canceled).

4. (Previously Presented) A compound according to claim 1, in which X and Y are equal to hydrogen.

5. (Previously Presented) A compound according to claim 1, selected from the group consisting of:

N-(6-aminohexyl)-N'-(γ,γ-dimethylallyl)guanidine methane sulphonate (ST2370);

N-allyl-N'- (4-aminobutyl)guanidine dichlorhydrate (ST2525);

1,4-bis-[N-(γ,γ-dimethylallyl)guanidino]-butane dimethane sulphonate (ST2526);

N-(γ,γ-dimethylallyl)-N'-(5-amminopentil)guanidina metansolfonata (ST2574); and

N-(γ,γ-dimethylallyl)-N'-(7-amminoepitil)guanidina metansolfonata (ST2575).

GIANNESSI et al.  
Appl. No. 10/537,269  
December 18, 2007

6. (Canceled).

7. (Previously Presented) A pharmaceutical composition containing at least one compound according to claim 1 in a mixture with one or more pharmaceutically acceptable vehicles and/or excipients.

8. (Previously Presented) A composition according to claim 7, in the form of tablets, rigid or soft capsules, powders, solutions, suspensions, syrups, solid forms for extempore liquid preparations, emulsions, liposomal preparations, forms for the controlled release of the active ingredient, tablets coated with appropriate layers, microencapsulated powders, complexes with cyclodextrin, depot forms, depot injections or implants.

9. (Previously Presented) A composition according to claim 8, which can be administered orally or parenterally.

10.-12. (Canceled).

13. (Withdrawn) A method for lowering serum glucose and serum lipids comprising administering to a subject in need thereof a compound of claim 1.

14. (Withdrawn/Currently Amended) The method according to claim 13, in which the compound is selected from the group consisting of:

GIANNESSI et al.  
 Appl. No. 10/537,269  
 December 18, 2007

- [[i.]] N-(6-aminohexyl)-N'-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2370);
- ~~ii. N-(4-aminobutyl)-N'-(3-phenylpropyl)guanidine (ST2521);~~
- ~~iii. N-(4-aminobutyl)-N'-(4-fluorobenzyl)guanidine dichlorhydrate (ST2524);~~
- [[iv.]] N-allyl-N'-(4-aminobutyl)guanidine dichlorhydrate (ST2525);
- [[v.]] 1, 4-bis-[N-( $\gamma,\gamma$ -dimethylallyl)guanidino]-butane dimethane sulphonate (ST2526);
- [[vi.]] N-(4-aminobutyl)-N'-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2369);
- [[vii.]] N-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2527);
- ~~viii. N-(4-fluorofenil)-N'-(6-amminoesil)-4-metil-1-piperazinocarbossimmidamide (ST 2601);~~
- ~~ix. N-(4-fluorofenil)-N'-(6-amminoesil)-1-piperidinocarbossimmidamide (ST 2602);~~
- ~~x. N-(4-fluorofenil)-N'-(4-aminobutyl)-4-metil-1-piperazinocarbossimmidamide (ST2658);~~
- [[xi.]] N-( $\gamma,\gamma$ -dimetilallil)-N'-(5-amminopentil)guanidina metansolfonata (ST2574); and
- [[xii.]] N-( $\gamma,\gamma$ -dimetilallil)-N'-(7-amminoeptil)guanidina metansolfonata (ST2575).

15. (Withdrawn/Currently Amended) A method for treating diabetes, type 2 diabetes, and its complications, syndrome X, insulin resistance, hyperlipidaemias and obesity comprising administering to a subject in need thereof a compound according to claim 1.

16. (Withdrawn/Currently Amended) The method according to claim 15, in which the compound is selected from the group consisting of:

- [[i.]] N-(6-aminohexyl)-N'-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2370);

GIANNESSI et al.  
Appl. No. 10/537,269  
December 18, 2007

- ~~ii. N-(4-aminobutyl)-N'-(3-phenylpropyl)guanidine (ST2521);~~
- ~~iii. N-(4-aminobutyl)-N'-(4-fluorobenzyl)guanidine dichlorhydrate (ST2524);~~
- [[iv.]] N-allyl-N'-(4-aminobutyl)guanidine dichlorhydrate (ST2525);
- [[v.]] 1,4-bis-[N-( $\gamma,\gamma$ -dimethylallyl)guanidino]-butane dimethane sulphonate (ST2526);
- ~~vi. N-(4-aminobutyl)-N'-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2369);~~
- ~~vii. N-( $\gamma,\gamma$ -dimethylallyl)guanidine methane sulphonate (ST2527);~~
- ~~viii. N-(4-fluorofenil)-N'-(6-amminoesil)-4-metil-1-piperazinocarbessimmidammide (ST-2601);~~
- ~~ix. N-(4-fluorofenil)-N'-(6-amminoesil)-1-piperidinocarbessimmidammide (ST 2602);~~
- ~~x. N-(4-fluorofenil)-N'-(4-amminobutil)-4-metil-1-piperazinocarbessimmidammide (ST2658);~~
- [[xi.]] N-( $\gamma,\gamma$ -dimetilallil)-N'-(5-amminopentil)guanidina metansolfonata (ST2574); and
- [[xii.]] N-( $\gamma,\gamma$ -dimetilallil)-N'-(7-amminoeptil)guanidina metansolfonata (ST2575).